

**SYSTEM AND METHOD FOR OBJECTIVE EVALUATION OF HEARING
USING AUDITORY STEADY-STATE RESPONSES**

Abstract of the Disclosure

5 This patent relates to an apparatus and method for assessing a subject's
hearing by recording steady-state auditory evoked responses. The apparatus generates
a steady-state auditory evoked potential stimulus, presents the stimulus to the subject,
senses potentials while simultaneously presenting the stimulus and determines
whether the sensed potentials contain responses to the stimulus. The stimulus may
10 include an test signals having a number of different components and modulations.
The apparatus may further perform a number of objective audiological tests. The
apparatus is further adapted to perform multi-modality testing in which more than one
sensory modality of the subject is tested simultaneously.